AEE/SWD/DHZ/01/18
BA: 10/7/18

Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

Job Code Number: 013-18-000078

No 1st & I final Date 2017

B.R. No.....
Date.....

Division SWD-Dasarahalli

Bill Received No. ..... Date..... Cash Book Voucher No..... date.....

Scheduled Docted No.

Name of Work (as per sanctioned estimate) Construction of RCC culvert & U Shape drain for secondary SWD in Mallsandra Ward No.13

Name of Contractor and Full Address M/s KVK Constructions, Prop: K Prakash Babu, No.33, Shanthi Nilaya, Opp. Mahalakshmi Hardware, 3rd Main Road, Ashwathkatte Main road, Kasturba Nagara, Bangaluru-560026

Reference to Agreement No. EE/SWD/DHZ/AGMT/04/2017-18 dated: 07/12/2017

Estimated Cost : Rs 1,50,00,000 W.O. No. EE/SWD/DHZ/WO/ 0[illegible]/2017-18 dated: 07/12/2017

Certified that the measurement were taken by me on 12/5/17, 30/5/17, 19/6/17, 14/7/17, 25/7/17, 14/8/17 and recorded in pages

454224 to 454231 of measurement Book No 4543/16-17 and that the work is satisfactorily executed.

Contractor

Officer-In-Charge of work

Certified that the measurements were taken by me on 14/8/17 And found correct. the work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work

Sub-Division Officer

If Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being.....percent Rs.....
3) Deduct amount to be held in Balance
4) Deduct Payments:
   a) Amount of previous payment as in the office Cash Book Voucher No.....Dated .....S.D No.....
   Amount adjusted towards cash advance recovery of
   b) Payments cost store or other materials supplied
   Now made recovery of amount creditable to this/other work
   Amount paid on this bill Cheque/Cash
5) Balance being unpaid value of work done held in reserve
6) Deduct cash advance made on the Office Cash Book Voucher No.....dated..... less adjustments
7) Net amount due to or from contractor
   Unadjusted items
8) Advance to contractor for materials brought to site (as detailed) with
   Value of Government materials supplied

Bill Amount - 1240700-00
IT - 24820-00
LWC - 12410-00
CBF - 12500-00
LR - 7260-00
Retention (CSM) - 920-00
Deductions - 466600-00
Net - 1194500-00

Contractor's Signature

Received Rs.....(in words)
.....
by cash and by adjustment of Payment as per memorandum.

Witnesses:
1
2

Stamp

Dated..... Signature of Contractor

Paid by me by cheque No.....dated.....
Cast Rs.....dated.....

Initials of Officer making payment

(For use in the Office)
Audited & Admitted for Rs. 1240700-00
Pay by cheques Rs. 1194500-00
By Adjustment Rs. 466600-00

23-07-18
Accts. Suptd. SWD, BBMP

Exe. Engineer SWD, BBMP.

Executive Engineer

Scanned by CamScanner

Name of Work: Construction of RCC culvert & U Shape drain for seconda y SWD in Mallsandra

Sl No	Item of Wor	Unit	Previous		Present Measurement			Total Up-to-date	
			Qty	Cost	Qty	Rate	Cost	Qty	Cost
1	Dismantling of existing structures like culverts, bridges, retaining walls and other structure compn... work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled ma... and stacking the serviceable material with all lifts complete as per specifications, iii) Dismantling St... in lime mortar. MORTH Specification No. 202 KSRRB M200- 15.2. -do- B. Rubble stone masonry ... directed by the Engineer-in-charge of work.	Cum	-	-	14.04	180.0	2527.20	14.04	2527.20
2	Dismantling of Existing Structures like Culverts,Bridges,Retaining Walls and other structures co... wood work, steel work, including T&P and scaffolding where ever necessary,sorting the disman... material and stacking the seviceable material with all lifts complete as per specifications.(Prestres... M20 and above) with all lead and lift as directed by the Engineer-in-charge of work	Cum	-	-	106.86	300.0	32058.00	106.86	32058.00
3	Excavation of removal of silt mixed with sand, human excreta, garbage in slussy condition from... including disposing off the same as directed including cost of machinery labour, fuel etc., complete... Means) (RA as per MI SR 2014-15) as directed by the Engineer-in-charge of work	Cum	-	-	420.75	100.0	42075.00	420.75	42075.00
4	Diversion of water course by providing coffer dams or bunds or islands as may be necessary... bailing out or pumping water during excavation and until completion etc... complete with all leads a... charge of the work.	Cum	-	-	139.95	120.0	16794.00	139.95	16794.00
5	Excavation in marshy soil upto 3m depth for foundation of structures as per drawing and technical s... stuf to a lead of 15m, including dewatering, shoring, refilling trenches in 250mm layers, wherever... including cost of all materials, labour complete as per specifications. V. Marshy Soil - B Mechanical ... by the Engineer-in-charge of work	Cum	-	-	449.88	60.0	26992.80	449.88	26992.80
6	Earth work in excavation for foundation of structures such as culverts, bridges etc., as per drawing... setting out, construction of shoring and bracing, removal of stumps and other deleterious matter... backfilling with approved material complete as per specifications in Ordinary soil - B. Mechanica... Specification No. 304 with all lead and lift as directed by the Engineer-in-charge of work	Cum	-	-	1602.29	30.0	48068.70	1602.29	48068.70
7	Providing and filling in foundation with Granite/trap broken metal 100mm and down size, with app... ramming,watering, including cost of all materials and labour with all lead and lift.complete as per spec... in charge of the work.	Cum	-	-	311.54	1500.0	467310.00	311.54	467310.00
	Deductions								
	Royalty for metal 1 X 287.43 = 287.43								
	Royalty for fine aggregate 0.5 X 287.43 = 143.72								
8	Plain Cement Concrete M10 with OPC cement @ 220 kgs, with crushed 40mm and down size graded coarse aggregates @0.84 Cum and fine aggregates @ 0.56Cum, in foundation mechanically mixed placed in foundation and cosd by vibration including curing for 14 days complete as per specifications MORTH Specification No.2100 with all leads and lifts as ot by the Engineer in charge of the work.	Cum	-	-	154.09	4100.0	631769.00	154.09	631769.00
	Deductions								
	Royalty for metal 0.84 X 142.33 = 119.56								
	Royalty for fine aggregate 0.56 X 142.33 = 79.7								
9	Plain/reinforcement Cement Concrete design mix M25 with OPC cement @340 kgs, with 20mm and do... aggregates @ 0.70Cum and fine aggregates @0.47Cum with superplastisiser @ 3lts confirming to I... foundation complete as per Drawing and Technical Specification with Batching plant, transit mi... Specification No. 1500, 1700 & 2100 with all leads and lifts as directed by the Engineer in charge of the K...	Cum	-	-	212.39	5990.0	1272216.10	212.39	1272216.10
10	Design mix M25 sub structure with OPC cement @340kgs, with 20mm and down size graded granite m... and fine aggregates @0.47Cum with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-200... by the Engineer in charge of the work.	Cum	-	-	289.20	6560.0	1897152.00	289.20	1897152.00
	Upto 125%								
11	Plain / Reinforced cement concrete in Open foundation with OPC cement design mix M 30 @360kgs, ... granite metal coarse aggregates @0.69cum and fine aggregates @0.46cum, with superplastisiser @... Reaffirmed-2008,including cost of all material,HOM of machinery,labour curing etc., complete with all ... technical specification with Batching Plant, Transit Mixer and Concrete Pump as directed by the Engineer	Cum	-	-	94.58	6100.0	576938.00	94.58	576938.00
12	Design mix M30 sub structure with OPC cement @360kgs, with 20mm and down size graded granite met... and fine aggregates @0.46Cum with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 ... the Engineer-in-charge of work.	Cum	-	-	78.69	7100.0	558699.00	78.69	558699.00

Scanned by CamScanner

13	Furnishing and Placing Reinforced/ Prestressed cement concrete in super-structure as per drawing and Technical Specification complete as per specifications. D. RCC / PSC with OPC cement design mix M30 @ 360kgs. with 20mm and down size graded granite metal coarse aggregates @0.86cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, Case - II . Using Batching Plant, Transit Mixer & Concrete Pump MORTH Specification No. 1500,1600 & 1700 with all lead and lift as directed by the Engineer-in-charge of work								
	Upto 125%	85.72	Cum	-	-	85.72	7300.0	625756.00	85.72	625756.00
14	Supplying,fitting and placing TMT bar reinforcement in sub-structure complete as per drawing and technical specifications complete as per specifications. TMT Bars Fe 500 with all leads and lifts as directed by the Engineer in charge of the work.	65.2688	MT	-	-	65.2688	48900.0	3191646.42	65.2688	3191646.42
15	Supplying,fitting and placing TMT bar reinforcement in super-structure complete as per drawing and technical specifications complete as per specifications. TMT Bars Fe 500 with all leads and lifts as directed by the Engineer in charge of the work.	10.3546	MT	-	-	10.3546	50800.0	526014.80	10.3546	526014.80
	Upto 125%		MT			0.0000	0.00	0.00	0.00	0.00
	Beyond 125%									
16	Providing weep holes in Brick masonry I Plain I Reinforced concrete abutment, wing wall I return wall with 100 mm dia AC pipe, extending through the full width of the structure with slope of 1V :20H towards drawing foce. Complete as per drawing and Technical Specifications complete as per specifications MORTH Specification No.2706 & 2200 with all lead and lift as directed by the Engineer-in-charge of work	36.30	Nos/ Rmt			36.30	100.0	3630.00	36.30	3630.00
17	Providing and laying of Filter media with granular materials/stone crushed aggregates satisfying the requirements laid down in clause 2500.4.2.2 of MORTH specifications to a thickness of not less than 600 mm with smaller size towards the soil and bigger size towards the wall and provided over the entire surface behind abutment, wing wall and return wall to the full height compacted to a firm condition complete as per drawing and Technical Specification complete as per specifications with all lead and lifts, etc., after breaking of clods complete as per specifications and with all lead and lift as directed by the Engineer-in-charge of work.	52.88	Cum			52.88	500.0	26440.00	52.88	26440.00
18	Collecting, Conveying and disposal of surplus/excavated earth including Stone Boulder / Stone aggregates /Sand/ Kanker / Moorum to designated dumping site disposing off with all leads and lifts as directed by the Engineer in charge of the work.	2220.48	Cum			2220.48	90.0	199843.38	2220.48	199843.38
19	Providing and fixing 50mm diameter and 750mm long perforated GI pressure relief pipe with one end closed by perforated GL plate and other end provided with alluminium lid hinged to pipe including cost of all materials,labour, drilling 8mm dia holes etc., complete with all lead and lift as directed by the Engineer-in-charge of work	0.00	Nos			0.00	300.0	0.00	0.00	0.00
20	WRD: Providing and fixing 20mm thick 150mm depth tarfelt expasion joint filler board for cement concrete lining of canal including cost of all materils, labour etc,. Complete with all leads and lifts as directed by the Engineer in charge of the work.	0.00	Rmt			0.00	90.0	0.00	0.00	0.00
21	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineer-in - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete)	500.50	Rmt			500.50	992.0	496496.00	500.50	496496.00
22	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint	1195	Sqm			1195.00	698.0	834110.00	1195.00	834110.00
23	Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between / the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint.	1939.20	Rmt			1912.00	300.0	573600.00	1912.00	573600.00
24	Reinforced cement concrete M30 approach slab including reinforcement @ 50 kg/Cum and formwork complete as per drawing and Technical specification complete as per specifications MORTH Specification No. 1500,1600,1700 & 2704 with all lead and lift as directed by the Engineer-in-charge of work	36	Cum			36.00	10300.0	370800.00	36.00	370800.00
	Total							12420936.4		12420936.4

Royalty for
Item No 7 Metal

CERTIFICATE

1 Certified that the contractor done work satisfactorly and removed all debris from the work spot.
2 Certified that the contractor has carried out the work accordingly to specification and is satisfactory.
3 Certified that the above item of Work was not claimed in any other bill.

R.V.H. Consulting Engineers Bangalore

Scanned by CamScanner